| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|------|--|---|---------------------|---------|------------------|
| S1 | 215 | 348/272.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 13:00 |
| S2 | 301 | 348/273.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:17 |
| S3 | 2 | ("20020135689").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/03 09:58 |
| S4 | 76 | 348/320.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 11:02 |
| S5 | 4 | S4 and RGB | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 11:02 |
| S6 | 215 | 348/272.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR · | ON | 2005/02/03 15:08 |
| S7 | 36 | S6 and (add\$3 or sum\$3) near (pixel or signal) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 13:09 |
| S8 | 283 | 348/312.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 13:33 |

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|-----|-------|--|---|----|----|------------------|
| S9 | 57 | S8 and ((add\$3 or sum\$3) near (signal or pixel)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 13:09 |
| S10 | 1 | ("6628328").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/03 13:56 |
| S11 | 19924 | (thin\$4 near2 out) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/03 13:57 |
| S12 | 1189 | S11 and CCD | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/03 13:57 |
| S13 | 241 | S12 and ((add\$3 or sum\$4) near (pixel or signal)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/03 13:58 |
| S14 | 100 | S13 and "348" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/04 11:03 |
| S15 | 9 | ("4647978" "4733302" "5043821" "5132803" "5267028" "5323233" "5568193" "5581298" "5614947").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/03 14:47 |
| S16 | 32 | 348/274.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 15:24 |
| S17 | 31 | 348/281.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/07 11:28 |
| S18 | 45 | 348/282.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/03 15:26 |
| S19 | 21 | 348/273.ccls. and (barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 13:42 |

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|-----|-------------|--|---|----|----|------------------|
| S20 | 354 | barrier near (photelectric or array or photodetector) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 13:43 |
| S21 | 116 | S20 and charge | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 13:43 |
| S22 | 78 | S21 and (modulat\$4 or change or alter) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 13:45 |
| S23 | 15 | S22 and CCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 13:45 |
| S24 | 345 | 257/231.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:17 |
| S25 | 120 | S24 and barrier and CCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:33 |
| S26 | 0 | S24 and CCD and ((photodetector or photoelectric or photosensor) near barrier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:20 |
| S27 | 1 | S24 and ((vari\$4 or chang\$3) near barrier) and CCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:26 |

| S28 | 75 | S24 and (accumulat\$3 near5 charge) and CCD and (var\$3 or change) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 15:28 |
|-----|-----|--|---|----|-----|------------------|
| S29 | 2 | S24 and ((accumulat\$3 near5 charge) near barrier) and CCD | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/04 14:41 |
| S30 | 2 | ("20010010554").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/02/04 15:29 |
| S31 | 2 | "5880781".pn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/02/07 11:28 |
| S32 | 9 | ("4647978" "4733302" "5043821" "5132803" "5267028" "5323233" "5568193" "5581298" "5614947").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/07 14:47 |
| S33 | 1 | "20020135689".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/07 14:47 |
| S34 | 1 | "5880781".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/08 15:14 |
| S35 | 108 | "vertical overflow" and (photodiode or photosensor) and (voltage or barrier) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/08 15:15 |
| S36 | 99 | S35 and CCD | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/08 15:15 |